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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,155	10/22/2003	Gordon J. Frost	25281B	9517

22889 7590 12/07/2005

OWENS CORNING  
2790 COLUMBUS ROAD  
GRANVILLE, OH 43023

EXAMINER
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EDWARDS, NEWTON O

ART UNIT	PAPER NUMBER
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1774

DATE MAILED: 12/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/692,155		FROST ET AL.	
	<b>Examiner</b>		<b>Art Unit</b>	
	N Edwards		1774	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-90 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-90 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. ____   |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____  | 6) <input type="checkbox"/> Other: ____                                     |

Art Unit: 1774

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 1-26, 48-71, and 90, drawn to a method, classified in class 264, subclass 510.
- II. Claims 27-45, drawn to a seamless composite backer less cladding panel, classified in class 52 or 428, subclass various.

If group I is elected, Applicant is required to elect a single disclosed species from claims 34, 42, and 44. Select one species for claim 34. Select one species for claim 42. Select one species for claim 44.

- III. Claims 46-47, drawn to a panel, classified in class 52 or 428, subclass various.
- IV. Claims 74-89, drawn to a panel, classified in class 52 or 428, subclass various.

If group IV is elected applicant is required to elect a single disclosed species from claim 77, 82, 84 or 85, and claim 88. Select a single specie from claim 77. Select a single specie from claim 82. Select single species for the 3D woven fabric layer from claim 84 or claim 85. Select a single specie from claim 88.

2. The inventions are distinct, each from the other because:

The panel of group IV is distinct since it requires a coating layer, a resin infused and a compressed layer while groups II and three does not.

The panel of group III is distinct since it requires the second laminate layer includes a resin and plurality chopped fiber material while group IV and group I does not.

Art Unit: 1774

The panel of group II is distinct since it requires the second laminate layer a curable resin and fiber material.

3. Inventions group I and group II-IV are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product(s) as claimed can be made by another materially different method such as providing, coating, laminating, and curing.


4. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

6. A telephone call was made to James Dottavio (40,360) on 11/29/05 to request an oral election to the above restriction requirement, but did not result in an election being made.

Art Unit: 1774

Any inquiry concerning this communication should be directed to N Edwards at  
telephone number 571-272-1521.

A handwritten signature in black ink, appearing to be 'N Edwards', written in a cursive style.

N Edwards  
Primary Examiner  
Art Unit 1774